

**Table 1C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Demographic Indicators** <sup>(2)</sup>

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Run Date: 10 / 11 / 07

Total Records	Number	%	Source of Data	Number	%
Complete Records	47,831	78.0	WIC	61,323	100.0
Prenatal Records	5,110	8.3	Maternal Health	0	0.0
Postpartum Records	8,382	13.7	Other	0	0.0
<b>Total Records Accepted</b>	<b>61,323</b>		<b>Total</b>	<b>61,323</b>	<b>100.0</b>
			<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Race/Ethnic Distribution	Number	%	Age Distribution	Number	%	Education Distribution	Number	%
White, Not Hispanic	34,345	56.0	< 15 Years	241	0.4	< High School	22,459	36.7
Black, Not Hispanic	17,770	29.0	15 - 17 Years	4,393	7.2	High School	25,768	42.1
Hispanic	7,111	11.6	18 - 19 Years	8,190	13.4	> High School	12,968	21.2
American Indian/Alaskan Native	251	0.4	20 - 29 Years	37,241	60.7	<b>Total</b>	<b>61,195</b>	<b>100.0</b>
Asian/Pacific Islander	1,036	1.7	30 - 39 Years	10,544	17.2			
All Other	805	1.3	>= 40 Years	710	1.2			
<b>Total</b>	<b>61,318</b>	<b>100.0</b>	<b>Total</b>	<b>61,319</b>	<b>100.0</b>			
<i>Excluded Unknown: 5</i>	<i>0.0</i>		<i>Excluded Unknown: 4</i>	<i>0.0</i>		<i>Excluded Unknown: 128</i>	<i>0.2</i>	

% Poverty Level	Number	%	Program Participation <sup>(3)</sup>	Number	%	Migrant Status	Number	%
0 - 50	23,528	40.6	WIC	52,941	100.0	Yes	860	1.4
51 - 100	14,828	25.6	Food Stamps	52,353	43.3	No	60,463	98.6
101 - 130	6,908	11.9	Medicaid	52,353	82.3	<b>Total</b>	<b>61,323</b>	<b>100.0</b>
131 - 150	3,559	6.1	TANF	52,353	19.4			
151 - 185	4,843	8.4						
186 - 200	1,417	2.4	<i>Excluded Unknown:</i>					
> 200	2,844	4.9	WIC:	0	0.0			
Adjunctive Eligibility	0	0.0	Food Stamps:	588	1.1			
<b>Total</b>	<b>57,927</b>	<b>100.0</b>	Medicaid:	588	1.1			
<i>Excluded Unknown: 3,396</i>	<i>5.5</i>		TANF:	588	1.1	<i>Excluded Unknown: 0</i>	<i>0.0</i>	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Prenatal program participation.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Prepregnancy BMI (3)				
Underweight	58,427	10.9	791,556	11.3
Normal Weight	58,427	42.8	791,556	44.5
Overweight	58,427	14.5	791,556	14.7
Obese	58,427	31.8	791,556	29.4
Maternal Weight Gain (4)				
Less Than Ideal	48,821	29.3	667,778	25.8
Ideal	48,821	27.1	667,778	30.8
Greater Than Ideal	48,821	43.6	667,778	43.4
Anemia (Low Hb/Hct) (5)				
1st Trimester	19,201	7.2	244,370	6.7
2nd Trimester	18,945	10.9	225,901	10.5
3rd Trimester	10,047	30.5	114,910	31.2
Postpartum	14,170	34.5	279,621	30.1
Parity (6)				
0	61,317	70.0	781,599	47.6
1	61,317	16.2	781,599	24.9
2	61,317	7.8	781,599	14.6
≥ 3	61,317	6.0	781,599	12.8
Interpregnancy Interval				
< 6 Months	37,200	15.7	436,141	13.0
6 - <18 Months	37,200	28.6	436,141	27.1
≥18 Months	37,200	55.6	436,141	59.9

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI < 19.8), normal weight (BMI 19.9 to 26.0), overweight (BMI >26.0 to 29.0), obese (BMI >29.0).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

(6) Number of times a woman has given birth to an infant 20 or more weeks gestation.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Medical Care				
1st Trimester	53,684	74.3	498,811	77.6
No Care	53,684	10.8	498,811	8.2
WIC Enrollment				
1st Trimester	60,963	33.5	722,757	32.0
2nd Trimester	60,963	34.2	722,757	33.4
3rd Trimester	60,963	18.6	722,757	17.7
Postpartum (3)	60,963	13.7	722,757	17.0
Smoking				
3 Months Prior to Pregnancy	54,944	37.6	677,683	30.0
During Pregnancy	46,881	24.8	603,006	18.6
Last 3 Months of Pregnancy	46,663	21.1	553,373	19.2
Postpartum	49,292	23.6	548,500	20.1
Smoking Changes (4)				
Quit Smoking by First Prenatal Visit	18,054	37.3	179,389	40.4
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	13,705	32.8	140,038	33.0
Smoking in Household				
During Pregnancy	0	*	362,509	28.5
Postpartum	0	*	443,894	26.1
Drinking				
3 Months Prior to Pregnancy	43,890	16.8	282,356	9.7
Last 3 Months of Pregnancy	46,076	0.4	563,730	0.5

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Women who initially enrolled in WIC during the postpartum period.

(4) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Birthweight (3)				
Very Low	48,340	0.9	707,018	1.1
Low	48,340	6.9	707,018	7.2
Normal	48,340	84.5	707,018	84.7
High	48,340	7.6	707,018	7.0
Preterm (4)	50,521	0.1	636,104	12.4
Full term Low Birth Weight (5)	48,152	7.8	583,078	3.8
Multiple Births	53,472	1.8	758,612	1.5
Breastfeeding				
Ever Breastfed	47,818	52.8	704,334	59.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

(4) <37 weeks gestation.

(5) 37 or more weeks gestation and <2500 g.

**Table 3C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

**Comparison of Racial and Ethnic Distribution by Contributor to Nation**

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<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>							
	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
<b>Michigan</b>	<b>61,323</b>	<b>56.0</b>	<b>29.0</b>	<b>11.6</b>	<b>0.4</b>	<b>1.7</b>	<b>1.3</b>
<b>Nation (Prior Year)</b>	<b>857,244</b>	<b>48.9</b>	<b>23.5</b>	<b>20.0</b>	<b>1.3</b>	<b>2.4</b>	<b>3.9</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 4C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Age Distribution by Contributor to Nation**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
<b>Michigan</b>	<b>61,323</b>	<b>0.4</b>	<b>7.2</b>	<b>13.4</b>	<b>60.7</b>	<b>17.2</b>	<b>1.2</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>857,244</b>	<b>0.4</b>	<b>6.6</b>	<b>13.0</b>	<b>60.4</b>	<b>18.2</b>	<b>1.3</b>	<b>0.0</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 5C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Maternal Health Indicators by Contributor to Nation**

<b>Comparison of Maternal Health Indicators</b> <sup>(2)</sup>										
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under- weight		Over- weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Michigan</b>	<b>58,427</b>	<b>10.9</b>	<b>46.3</b>	<b>48,821</b>	<b>29.3</b>	<b>43.6</b>	<b>10,047</b>	<b>30.5</b>	<b>14,170</b>	<b>34.5</b>
<b>Nation (Prior Year)</b>	<b>791,556</b>	<b>11.3</b>	<b>44.2</b>	<b>667,778</b>	<b>25.8</b>	<b>43.4</b>	<b>114,910</b>	<b>31.2</b>	<b>279,621</b>	<b>30.1</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 6C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Maternal Behavioral Indicators by Contributor to Nation**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2)</sup>					
	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
<b>Michigan</b>	<b>53,684</b>	<b>74.3</b>	<b>10.8</b>	<b>60,963</b>	<b>33.5</b>
<b>Nation (Prior Year)</b>	<b>498,811</b>	<b>77.6</b>	<b>8.2</b>	<b>722,757</b>	<b>32.0</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 7C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Comparison of Smoking Indicators by Contributor to Nation**

Comparison of Smoking Indicators <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
Michigan	54,944	37.6	46,663	21.1	13,705	32.8	0	*	0	*
Nation (Prior Year)	677,683	30.0	553,373	19.2	140,038	33.0	362,509	28.5	443,894	26.1

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 8C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Infant Health Indicators by Contributor to Nation**

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<b>Comparison of Infant Health Indicators</b> <sup>(2)</sup>									
	Birthweight			Preterm (5)	Full Term LBW (6)	Ever Breastfed			
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
<b>Michigan</b>	<b>48,340</b>	<b>7.8</b>	<b>7.6</b>	<b>50,521</b>	<b>0.1</b>	<b>48,152</b>	<b>7.8</b>	<b>47,818</b>	<b>52.8</b>
<b>Nation (Prior Year)</b>	<b>707,018</b>	<b>8.3</b>	<b>7.0</b>	<b>636,104</b>	<b>12.4</b>	<b>583,078</b>	<b>3.8</b>	<b>704,334</b>	<b>59.2</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 9C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Maternal Health Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Health Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>										
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Race/Ethnicity</b>										
White, Not Hispanic	32,619	12.4	44.0	27,031	25.7	46.6	5,599	24.0	8,391	29.5
Black, Not Hispanic	17,153	9.0	51.3	14,486	33.2	42.2	3,275	42.4	3,618	45.0
Hispanic	6,669	6.8	48.1	5,647	35.2	35.4	859	29.5	1,712	37.3
American Indian/Alaskan Native	237	5.1	53.2	196	26.5	46.4	30	*	59	*
Asian/Pacific Islander	1,001	22.0	25.5	829	42.7	24.2	176	26.7	215	31.2
All Other/Unknown	748	12.3	42.8	632	28.0	43.4	108	25.9	175	33.7
<b>Total</b>	<b>58,427</b>	<b>10.9</b>	<b>46.3</b>	<b>48,821</b>	<b>29.3</b>	<b>43.6</b>	<b>10,047</b>	<b>30.5</b>	<b>14,170</b>	<b>34.5</b>
<b>Age</b>										
< 15 Years	230	16.5	25.2	194	33.0	40.7	51	*	32	*
15 - 17 Years	4,207	17.9	26.2	3,530	28.9	45.5	705	34.8	941	37.7
18 - 19 Years	7,838	15.5	34.5	6,556	26.5	47.7	1,258	33.4	1,920	39.1
20 - 29 Years	35,480	10.5	47.7	29,886	28.9	43.9	6,231	29.7	8,715	34.0
30 - 39 Years	9,998	5.9	58.9	8,161	32.9	38.9	1,676	29.2	2,385	32.0
>= 40 Years	671	4.2	57.5	491	35.2	34.8	126	31.7	177	27.1
Unknown	3	*	*	3	*	*	0	*	0	*
<b>Total</b>	<b>58,427</b>	<b>10.9</b>	<b>46.3</b>	<b>48,821</b>	<b>29.3</b>	<b>43.6</b>	<b>10,047</b>	<b>30.5</b>	<b>14,170</b>	<b>34.5</b>
<b>Education</b>										
< High School	20,266	13.0	41.5	16,776	31.9	41.4	3,532	33.5	4,753	37.9
High School	25,304	10.4	47.7	21,242	28.1	44.6	4,339	29.5	5,973	34.4
> High School	12,732	8.5	51.3	10,699	27.7	44.9	2,156	27.8	3,412	30.0
Unknown	125	15.2	40.8	104	40.4	40.4	20	*	32	*
<b>Total</b>	<b>58,427</b>	<b>10.9</b>	<b>46.3</b>	<b>48,821</b>	<b>29.3</b>	<b>43.6</b>	<b>10,047</b>	<b>30.5</b>	<b>14,170</b>	<b>34.5</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 10C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**

**Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education</b> (2)					
	Medical Care			WIC Enrollment	
	1st Trimester	No Care		1st Trimester	
	Number	%	%	Number	%
<b>Race/Ethnicity</b>					
White, Not Hispanic	30,099	78.5	10.9	34,132	37.5
Black, Not Hispanic	15,803	69.6	7.4	17,679	22.9
Hispanic	5,970	65.6	18.9	7,067	40.1
American Indian/Alaskan Native	206	74.8	12.6	249	50.2
Asian/Pacific Islander	915	77.3	7.3	1,030	29.3
All Other/Unknown	691	72.4	12.9	806	40.6
<b>Total</b>	<b>53,684</b>	<b>74.3</b>	<b>10.8</b>	<b>60,963</b>	<b>33.5</b>
<b>Age</b>					
< 15 Years	207	49.3	12.1	241	20.3
15 - 17 Years	3,878	65.0	11.7	4,374	33.5
18 - 19 Years	7,158	70.3	12.8	8,143	36.4
20 - 29 Years	32,910	75.7	10.6	37,012	33.4
30 - 39 Years	8,982	77.1	9.4	10,480	32.0
>= 40 Years	546	72.7	10.3	709	32.2
Unknown	3	*	*	4	*
<b>Total</b>	<b>53,684</b>	<b>74.3</b>	<b>10.8</b>	<b>60,963</b>	<b>33.5</b>
<b>Education</b>					
< High School	18,584	64.7	16.3	22,354	34.2
High School	23,325	77.9	8.2	25,600	33.0
> High School	11,662	82.6	7.0	12,881	33.5
Unknown	113	66.4	15.0	128	32.8
<b>Total</b>	<b>53,684</b>	<b>74.3</b>	<b>10.8</b>	<b>60,963</b>	<b>33.5</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 11C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Smoking Indicators by Race/Ethnicity, Age, or Education**

Smoking Indicators by Race/Ethnicity, Age, or Education <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	31,153	49.9	26,327	29.2	10,449	30.5	0	*	0	*
Black, Not Hispanic	15,732	23.8	13,452	11.9	2,302	38.6	0	*	0	*
Hispanic	6,185	13.7	5,319	5.3	580	51.9	0	*	0	*
American Indian/Alaskan Native	231	55.4	191	33.0	85	*	0	*	0	*
Asian/Pacific Islander	901	7.2	750	3.2	40	*	0	*	0	*
All Other/Unknown	742	46.2	624	27.2	249	30.5	0	*	0	*
<b>Total</b>	<b>54,944</b>	<b>37.6</b>	<b>46,663</b>	<b>21.1</b>	<b>13,705</b>	<b>32.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
Age										
< 15 Years	217	9.7	180	5.0	10	*	0	*	0	*
15 - 17 Years	3,917	31.7	3,308	16.2	872	36.6	0	*	0	*
18 - 19 Years	7,375	41.8	6,243	21.1	2,139	36.6	0	*	0	*
20 - 29 Years	33,495	40.1	28,703	22.6	9,002	32.9	0	*	0	*
30 - 39 Years	9,321	29.0	7,756	18.0	1,593	25.9	0	*	0	*
>= 40 Years	616	28.9	470	17.7	89	*	0	*	0	*
Unknown	3	*	3	*	0	*	0	*	0	*
<b>Total</b>	<b>54,944</b>	<b>37.6</b>	<b>46,663</b>	<b>21.1</b>	<b>13,705</b>	<b>32.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
Education										
< High School	18,629	41.3	16,674	25.7	4,984	25.6	0	*	0	*
High School	24,107	39.3	19,898	21.3	6,399	34.4	0	*	0	*
> High School	12,082	28.7	9,985	13.0	2,298	44.1	0	*	0	*
Unknown	126	32.5	106	21.7	24	*	0	*	0	*
<b>Total</b>	<b>54,944</b>	<b>37.6</b>	<b>46,663</b>	<b>21.1</b>	<b>13,705</b>	<b>32.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 12C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Infant Health Indicators by Race/Ethnicity, Age, or Education**

<b>Infant Health Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>									
	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>									
White, Not Hispanic	26,999	6.4	9.1	28,066	0.1	26,880	6.4	26,764	56.4
Black, Not Hispanic	14,247	11.3	4.5	14,859	0.1	14,201	11.3	13,806	39.0
Hispanic	5,482	5.4	8.8	5,893	0.1	5,464	5.4	5,637	66.8
American Indian/Alaskan Native	196	4.6	8.7	203	0.0	196	4.6	192	53.1
Asian/Pacific Islander	786	7.9	4.5	844	0.1	784	7.9	797	64.5
All Other/Unknown	630	8.4	10.3	656	0.5	627	8.5	622	59.0
<b>Total</b>	<b>48,340</b>	<b>7.8</b>	<b>7.6</b>	<b>50,521</b>	<b>0.1</b>	<b>48,152</b>	<b>7.8</b>	<b>47,818</b>	<b>52.8</b>
<b>Age</b>									
< 15 Years	189	10.1	2.6	202	0.0	189	11.1	193	31.1
15 - 17 Years	3,538	7.1	5.2	3,667	0.1	3,528	7.7	3,422	41.1
18 - 19 Years	6,539	6.9	5.8	6,793	0.1	6,514	7.6	6,337	49.8
20 - 29 Years	29,597	6.7	7.9	30,947	0.1	29,478	7.5	29,323	53.7
30 - 39 Years	8,009	7.5	9.3	8,406	0.1	7,975	8.8	8,065	56.5
>= 40 Years	467	8.4	11.8	504	0.2	467	10.5	477	64.4
Unknown	1	*	*	2	*	1	*	1	*
<b>Total</b>	<b>48,340</b>	<b>7.8</b>	<b>7.6</b>	<b>50,521</b>	<b>0.1</b>	<b>48,152</b>	<b>7.8</b>	<b>47,818</b>	<b>52.8</b>
<b>Education</b>									
< High School	17,365	7.4	6.7	18,308	0.1	17,313	8.2	17,213	45.4
High School	20,523	6.7	7.7	21,353	0.1	20,440	7.6	20,178	51.4
> High School	10,354	6.5	9.1	10,752	0.1	10,301	7.5	10,327	67.7
Unknown	98	*	*	108	0.0	98	*	100	48.0
<b>Total</b>	<b>48,340</b>	<b>7.8</b>	<b>7.6</b>	<b>50,521</b>	<b>0.1</b>	<b>48,152</b>	<b>7.8</b>	<b>47,818</b>	<b>52.8</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 13C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**

**Maternal Weight Gain and Birth Outcomes by Select Health Indicators**

Maternal Weight Gain and Birth Outcomes by Select Health Indicators <sup>(2)</sup>										
	Weight Gain (3)			Birth Outcomes						
	< Ideal		> Ideal	Birthweight			Preterm (6)		Full Term LBW (7)	
				Low (4)		High (5)				
		Number	%	%	Number	%	%	Number	%	Number
Prepregnancy BMI										
Underweight	5,244	35.3	26.4	4,972	10.9	3.5	5,186	0.1	4,956	11.0
Normal Weight	20,857	30.8	40.5	19,764	7.8	6.1	20,658	0.1	19,683	7.8
Overweight	7,065	20.2	58.4	6,700	6.9	8.7	6,989	0.1	6,673	6.8
Obese	15,448	29.3	47.0	14,743	7.3	10.6	15,344	0.1	14,684	7.3
Weight Gain										
< Ideal	–	–	–	13,240	11.8	4.7	14,066	0.2	13,184	11.8
Ideal	–	–	–	12,637	7.6	5.4	13,077	0.1	12,584	7.6
> Ideal	–	–	–	20,355	5.3	10.9	21,081	0.1	20,281	5.3
Smoking During Pregnancy										
Smokers	8,999	27.7	45.1	8,735	9.3	4.7	9,044	0.0	8,707	9.3
Non-Smokers	28,319	27.9	44.5	27,398	6.5	8.9	28,523	0.0	27,310	6.5

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 14C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Racial and Ethnic Distribution**

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<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
2006	61,323	56.0	29.0	11.6	0.4	1.7	1.3
2005	65,212	55.4	27.3	11.3	0.5	1.7	3.8
2004	64,160	59.2	28.6	10.0	0.5	1.6	0.1
2003	61,040	59.8	28.1	10.1	0.5	1.5	0.0
2002	59,234	59.4	28.8	10.0	0.5	1.3	0.0
2001	61,122	59.0	29.3	10.0	0.5	1.1	0.0
2000	62,088	59.1	29.8	9.5	0.5	1.1	0.0
1999	57,354	60.5	29.7	8.1	0.5	1.1	0.0
1998	61,824	61.6	29.9	6.9	0.5	1.1	0.0
1997	58,796	61.7	30.5	6.2	0.5	1.2	0.0
1996	59,794	62.5	29.5	6.3	0.5	1.2	0.0
1995	42,765	63.2	29.3	5.9	0.5	1.1	0.0
1994	60,846	59.5	28.9	5.0	0.5	0.9	5.3
1993	0	*	*	*	*	*	*
1992	36,204	49.7	22.6	3.3	0.4	0.6	23.3
1991	5,920	62.1	32.1	4.3	0.7	0.7	0.1
1990	527	33.8	63.8	1.9	0.2	0.2	0.2
1989	0	*	*	*	*	*	*
1988	0	*	*	*	*	*	*
1987	0	*	*	*	*	*	*
1986	0	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 14C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Racial and Ethnic Distribution**

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<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
1985	0	*	*	*	*	*	*
1984	0	*	*	*	*	*	*
1983	495	11.1	82.4	1.8	0.0	0.6	4.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Age Distribution**

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<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
2006	61,323	0.4	7.2	13.4	60.7	17.2	1.2	0.0
2005	65,212	0.4	6.8	12.9	60.7	17.9	1.3	0.0
2004	64,160	0.5	7.0	13.3	60.4	17.4	1.2	0.0
2003	61,040	0.4	7.2	13.4	60.3	17.5	1.2	0.0
2002	59,234	0.5	7.3	13.6	60.1	17.3	1.2	0.0
2001	61,122	0.5	7.8	14.4	59.5	16.7	1.1	0.0
2000	62,088	0.6	8.2	14.8	59.7	15.8	1.0	0.0
1999	57,354	0.7	8.6	15.1	59.0	15.6	1.0	0.0
1998	61,824	0.6	9.0	15.4	58.6	15.4	1.0	0.0
1997	58,796	0.7	9.3	15.2	58.2	15.7	0.9	0.0
1996	59,794	0.8	9.8	15.1	57.7	15.7	0.8	0.0
1995	42,765	0.9	10.3	15.2	57.4	15.4	0.8	0.0
1994	60,846	0.8	9.6	14.6	55.0	14.2	0.6	5.3
1993	0	*	*	*	*	*	*	*
1992	36,204	0.5	7.0	12.4	46.1	10.6	0.4	23.1
1991	5,920	0.5	8.1	14.8	61.8	14.2	0.6	0.1
1990	527	1.1	10.4	17.5	56.5	14.4	0.0	0.0
1989	0	*	*	*	*	*	*	*
1988	0	*	*	*	*	*	*	*
1987	0	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Age Distribution**

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<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
1986	0	*	*	*	*	*	*	*
1985	0	*	*	*	*	*	*	*
1984	0	*	*	*	*	*	*	*
1983	495	1.4	11.3	18.8	57.6	9.5	0.4	1.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
2006	58,427	10.9	46.3	48,821	29.3	43.6	10,047	30.5	14,170	34.5
2005	59,934	11.1	45.8	50,729	29.2	43.3	10,283	31.2	13,786	35.0
2004	58,875	11.1	45.2	49,657	29.3	43.7	10,643	30.4	14,448	35.1
2003	56,040	11.8	44.6	47,059	30.1	43.4	10,111	30.1	13,318	35.4
2002	54,234	12.1	43.9	45,013	32.1	41.2	9,663	30.9	13,117	36.3
2001	55,825	12.6	43.1	45,095	33.3	40.4	10,543	30.0	13,475	36.3
2000	55,640	13.5	42.1	46,244	34.0	39.1	10,903	30.2	14,310	34.6
1999	51,565	13.0	41.6	43,043	35.4	38.5	9,849	29.5	13,464	33.5
1998	55,428	13.7	40.5	46,391	37.4	36.3	10,709	28.3	14,955	34.1
1997	53,027	14.2	40.1	45,048	37.3	36.2	10,577	29.2	14,109	33.1
1996	53,731	15.3	37.9	45,846	37.8	35.3	10,523	28.3	15,415	32.5
1995	38,579	15.3	37.1	31,474	37.4	35.4	739	25.8	10,433	31.7
1994	53,190	15.4	36.0	44,455	38.0	34.5	9,951	26.4	14,862	27.3
1993	0	*	*	0	*	*	0	*	0	*
1992	17,638	16.8	34.3	18,363	55.0	27.5	6,781	19.6	8,106	21.4

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Health Indicators**

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<b>Summary of Trends in Maternal Health Indicators</b> <sup>(2)</sup>										
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
1991	4,964	15.9	34.4	3,223	49.6	26.4	317	21.5	794	21.5
1990	515	17.9	31.1	2	*	*	6	*	0	*
1989	0	*	*	0	*	*	0	*	0	*
1988	0	*	*	0	*	*	0	*	0	*
1987	0	*	*	0	*	*	0	*	0	*
1986	0	*	*	0	*	*	0	*	0	*
1985	0	*	*	0	*	*	0	*	0	*
1984	0	*	*	0	*	*	0	*	0	*
1983	419	18.1	22.2	0	*	*	151	24.5	13	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Behavioral Indicators**

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<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
2006	53,684	74.3	10.8	60,963	33.5
2005	57,333	74.8	10.3	62,630	32.6
2004	56,142	74.1	10.7	61,767	31.3
2003	53,408	74.3	10.4	58,592	31.7
2002	51,532	73.8	10.5	56,964	32.3
2001	52,785	72.6	10.8	58,587	30.8
2000	52,989	71.9	11.2	59,332	31.0
1999	48,354	72.3	10.9	55,040	31.3
1998	52,821	72.5	11.1	59,429	31.3
1997	53,601	68.6	15.1	56,551	28.2
1996	55,003	68.4	16.0	57,285	28.4
1995	38,526	68.3	17.3	4,392	37.2
1994	52,540	68.9	15.9	56,451	27.3
1993	0	*	*	0	*
1992	25,272	62.9	20.4	17,934	21.6
1991	3,475	66.7	17.4	5,150	2.2
1990	2	*	*	89	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Behavioral Indicators**

Page: 23  
Run Date: 10 / 11 / 07

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
1989	0	*	*	0	*
1988	0	*	*	0	*
1987	0	*	*	0	*
1986	0	*	*	0	*
1985	0	*	*	0	*
1984	0	*	*	0	*
1983	0	*	*	453	4.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 18C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Smoking Indicators**

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Summary of Trends in Smoking Indicators <sup>(2)</sup>										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
2006	54,944	37.6	46,663	21.1	13,705	32.8	0	*	0	*
2005	57,338	38.1	50,206	21.6	14,035	31.1	0	*	0	*
2004	55,289	39.5	48,543	23.0	14,091	30.2	0	*	0	*
2003	52,553	39.6	45,315	23.1	13,107	30.5	0	*	0	*
2002	50,060	41.5	42,894	24.4	12,886	29.5	0	*	0	*
2001	49,929	43.3	41,825	25.6	12,853	29.3	0	*	0	*
2000	48,546	44.4	42,095	26.9	12,808	27.4	0	*	0	*
1999	42,774	45.6	37,486	27.1	11,817	27.9	0	*	0	*
1998	44,293	46.0	39,259	29.4	12,584	25.2	0	*	0	*
1997	43,106	44.4	38,286	29.2	12,134	25.2	0	*	0	*
1996	44,508	44.1	39,708	29.5	12,537	23.7	0	*	0	*
1995	33,102	44.8	27,876	29.9	9,290	24.4	0	*	0	*
1994	45,652	44.8	29,284	29.7	8,990	24.3	0	*	0	*
1993	0	*	0	*	0	*	0	*	0	*
1992	18,823	46.7	2,264	34.1	0	*	0	*	0	*
1991	4,155	43.5	379	33.2	0	*	0	*	0	*
1990	159	62.9	0	*	0	*	518	0.0	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 18C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Smoking Indicators**

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Summary of Trends in Smoking Indicators (2)							
Year	Smoking		Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household			
	3 Months Prior to Pregnancy			Last 3 Months of Pregnancy	Prenatal		Postpartum
	Number	%		Number	%	Number	%
1989	0	*	0	*	0	*	
1988	0	*	0	*	0	*	
1987	0	*	0	*	0	*	
1986	0	*	0	*	0	*	
1985	0	*	0	*	0	*	
1984	0	*	0	*	0	*	
1983	0	*	0	*	0	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 19C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Infant Health Indicators**

Summary of Trends in Infant Health Indicators <sup>(2)</sup>									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
2006	48,340	7.8	7.6	50,521	0.1	48,152	7.8	47,818	52.8
2005	51,616	7.8	8.0	54,788	0.1	51,414	7.8	51,914	52.6
2004	50,805	7.7	8.3	53,814	0.1	50,617	7.7	50,837	50.5
2003	48,280	7.3	8.7	50,986	0.2	48,077	7.3	48,115	49.8
2002	46,356	7.2	8.6	48,916	0.2	46,177	7.2	45,739	49.3
2001	46,760	7.3	9.0	49,230	0.1	46,567	7.3	45,726	49.5
2000	48,538	7.1	9.0	50,944	0.2	48,399	7.1	46,885	46.9
1999	44,840	6.9	9.1	47,125	0.2	44,674	6.9	41,632	47.6
1998	48,000	7.3	9.3	50,889	0.2	47,842	7.3	44,301	46.5
1997	46,683	8.0	9.3	49,298	0.1	46,526	8.0	43,232	45.4
1996	48,557	7.9	9.0	50,513	0.1	48,419	7.9	44,021	44.2
1995	34,379	8.0	9.5	0	*	0	*	30,011	44.9
1994	50,502	7.9	9.5	47,519	2.6	45,914	6.7	45,043	41.7
1993	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 19C**  
**2006 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Infant Health Indicators**

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<b>Summary of Trends in Infant Health Indicators</b> (2)								
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed
	Low (3)		High (4)					
	Number	%	%	Number	%	Number	%	Number %
1992	30,684	8.1	9.8	22,424	9.0	20,157	3.7	23,468 42.0
1991	3,175	6.0	11.5	3,152	9.0	2,805	3.4	2,734 54.0
1990	0	*	*	0	*	0	*	0 *
1989	0	*	*	0	*	0	*	0 *
1988	0	*	*	0	*	0	*	0 *
1987	0	*	*	0	*	0	*	0 *
1986	0	*	*	0	*	0	*	0 *
1985	0	*	*	0	*	0	*	0 *
1984	0	*	*	0	*	0	*	0 *
1983	495	7.9	4.6	462	15.4	391	3.1	19 *

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)		
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum
		Number	%	%	Number	%	%	Number	%	Number %
White, Not Hispanic	2006	32,619	12.4	44.0	27,031	25.7	46.6	5,599	24.0	8,391 29.5
	2005	33,287	12.4	43.6	27,919	26.4	45.8	5,714	25.3	8,264 30.9
	2004	34,700	12.4	42.6	29,119	26.0	46.1	6,191	25.1	8,957 31.9
	2003	33,309	13.1	42.3	27,731	27.1	46.0	5,827	24.8	8,162 31.5
	2002	32,136	13.5	41.5	26,426	29.6	43.5	5,413	25.3	8,122 31.9
	2001	32,725	14.0	40.9	26,166	31.8	41.9	5,712	23.8	8,204 31.4
	2000	32,604	15.0	40.0	27,297	31.6	40.8	5,739	23.7	8,858 30.9
	1999	31,016	14.5	39.3	26,172	33.6	40.2	5,379	22.5	8,434 29.2
	1998	33,991	15.2	38.0	28,886	34.4	38.2	6,020	21.8	9,420 29.5
	1997	32,550	15.8	37.6	27,825	34.5	37.9	6,038	23.0	9,297 28.7
Black, Not Hispanic	2006	17,153	9.0	51.3	14,486	33.2	42.2	3,275	42.4	3,618 45.0
	2005	16,822	9.0	51.9	14,218	31.3	43.0	3,233	42.2	3,115 45.9
	2004	17,106	9.1	51.3	14,482	32.8	43.0	3,461	40.7	3,600 44.8
	2003	16,033	9.8	50.4	13,594	32.7	42.4	3,262	40.5	3,295 45.4
	2002	15,909	9.6	49.9	13,345	34.4	40.7	3,286	41.6	3,148 48.5
	2001	16,747	10.6	48.2	13,722	34.4	40.7	3,763	41.1	3,355 48.3
	2000	17,062	11.3	46.9	13,969	37.2	38.1	3,956	41.8	3,576 45.1
	1999	15,798	10.6	46.9	12,883	37.7	37.2	3,556	41.4	3,605 42.9
	1998	16,935	11.1	45.9	13,762	42.3	34.2	3,817	40.3	4,183 44.9
	1997	16,588	11.4	45.0	13,927	41.7	34.4	3,804	39.4	3,686 42.6

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)		
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum
		Number	%	%	Number	%	%	Number	%	Number %
Hispanic	2006	6,669	6.8	48.1	5,647	35.2	35.4	859	29.5	1,712 37.3
	2005	6,734	7.8	45.9	5,807	35.7	34.7	947	29.1	1,425 36.4
	2004	5,796	6.9	46.2	5,008	36.3	34.9	776	27.1	1,573 32.4
	2003	5,529	7.8	45.7	4,764	38.2	33.9	819	26.6	1,575 34.7
	2002	5,217	8.9	43.3	4,440	39.9	31.0	781	25.9	1,602 34.9
	2001	5,420	9.2	42.7	4,459	38.4	32.6	878	23.7	1,643 37.0
	2000	5,050	9.7	42.0	4,209	38.3	32.5	1,018	22.9	1,655 32.5
	1999	3,899	9.4	41.9	3,285	38.9	32.6	746	22.8	1,214 34.8
	1998	3,610	9.7	42.7	2,994	42.5	30.3	685	23.4	1,118 33.5
	1997	3,024	9.7	42.9	2,558	42.7	30.7	549	26.2	850 40.0
American Indian/Alaskan Native	2006	237	5.1	53.2	196	26.5	46.4	30	*	59 *
	2005	276	9.4	47.8	228	31.1	46.1	42	*	67 *
	2004	318	9.7	48.4	267	30.0	47.9	45	*	64 *
	2003	298	10.7	44.3	259	24.3	47.1	39	*	63 *
	2002	286	11.2	48.6	234	23.5	49.1	39	*	64 *
	2001	298	8.7	51.0	240	25.4	47.9	41	*	70 *
	2000	292	9.9	50.7	243	24.7	47.3	47	*	61 *
	1999	286	9.4	40.9	242	29.8	40.5	53	*	59 *
	1998	299	11.0	39.8	250	32.8	40.0	42	*	70 *
	1997	252	12.7	43.7	223	28.3	44.4	46	*	88 *

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Asian/Pacific Islander	2006	1,001	22.0	25.5	829	42.7	24.2	176	26.7	215	31.2
	2005	998	22.5	19.0	844	45.9	24.6	185	30.3	223	30.9
	2004	955	23.4	20.7	781	42.6	24.1	170	28.8	254	31.9
	2003	871	27.2	18.5	711	40.9	24.8	164	27.4	223	31.4
	2002	686	26.8	20.0	568	42.6	22.7	144	25.7	181	32.6
	2001	635	26.9	17.5	508	42.5	23.0	149	26.8	203	32.5
	2000	632	29.0	16.0	526	45.2	24.9	143	24.5	160	29.4
	1999	566	26.3	18.6	461	52.3	19.5	115	24.3	152	34.9
	1998	593	26.6	19.6	499	50.1	22.8	145	15.2	164	29.9
	1997	613	25.1	19.7	515	47.2	20.4	140	25.0	188	33.0
All Other/Unknown	2006	748	12.3	42.8	632	28.0	43.4	108	25.9	175	33.7
	2005	1,817	11.6	44.1	1,713	28.5	43.8	162	34.6	692	31.9
	2004	0	*	*	0	*	*	0	*	0	*
	2003	0	*	*	0	*	*	0	*	0	*
	2002	0	*	*	0	*	*	0	*	0	*
	2001	0	*	*	0	*	*	0	*	0	*
	2000	0	*	*	0	*	*	0	*	0	*
	1999	0	*	*	0	*	*	0	*	0	*
	1998	0	*	*	0	*	*	0	*	0	*
	1997	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Total All Race/Ethnic Groups	2006	58,427	10.9	46.3	48,821	29.3	43.6	10,047	30.5	14,170	34.5
	2005	59,934	11.1	45.8	50,729	29.2	43.3	10,283	31.2	13,786	35.0
	2004	58,875	11.1	45.2	49,657	29.3	43.7	10,643	30.4	14,448	35.1
	2003	56,040	11.8	44.6	47,059	30.1	43.4	10,111	30.1	13,318	35.4
	2002	54,234	12.1	43.9	45,013	32.1	41.2	9,663	30.9	13,117	36.3
	2001	55,825	12.6	43.1	45,095	33.3	40.4	10,543	30.0	13,475	36.3
	2000	55,640	13.5	42.1	46,244	34.0	39.1	10,903	30.2	14,310	34.6
	1999	51,565	13.0	41.6	43,043	35.4	38.5	9,849	29.5	13,464	33.5
	1998	55,428	13.7	40.5	46,391	37.4	36.3	10,709	28.3	14,955	34.1
	1997	53,027	14.2	40.1	45,048	37.3	36.2	10,577	29.2	14,109	33.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
White, Not Hispanic	2006	30,099	78.5	10.9	34,132	37.5
	2005	31,804	78.7	10.8	34,855	37.7
	2004	33,432	77.7	11.2	36,484	35.6
	2003	32,039	77.8	11.0	34,870	36.1
	2002	30,663	77.5	11.4	33,778	37.6
	2001	31,281	76.9	11.8	34,433	36.5
	2000	31,253	75.8	12.3	34,948	37.0
	1999	29,221	75.9	11.8	33,207	37.0
	1998	32,572	75.6	11.8	36,560	36.4
	1997	33,076	72.2	15.4	34,754	32.8
Black, Not Hispanic	2006	15,803	69.6	7.4	17,679	22.9
	2005	15,773	70.1	7.4	17,354	22.4
	2004	16,247	69.2	7.7	17,766	20.9
	2003	15,293	69.1	7.5	16,584	20.9
	2002	15,232	68.3	8.0	16,516	20.6
	2001	15,785	65.8	8.5	17,338	19.5
	2000	16,226	66.5	8.6	17,815	20.2
	1999	14,784	67.2	8.4	16,534	20.4
	1998	16,088	67.8	8.6	17,862	21.2
	1997	16,519	63.4	12.4	17,376	18.7

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 21C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	2006	5,970	65.6	18.9	7,067	40.1
	2005	6,252	66.7	16.7	7,159	37.1
	2004	5,247	65.9	16.8	6,202	35.5
	2003	4,962	67.2	15.9	5,931	36.4
	2002	4,701	67.6	13.6	5,662	35.0
	2001	4,836	67.4	12.3	5,853	31.0
	2000	4,650	64.4	13.1	5,605	27.9
	1999	3,576	64.4	14.9	4,398	29.0
	1998	3,335	64.9	15.8	4,061	30.3
	1997	3,128	59.5	25.1	3,479	31.1
American Indian/Alaskan Native	2006	206	74.8	12.6	249	50.2
	2005	267	77.2	9.7	295	39.3
	2004	289	75.1	10.7	327	42.8
	2003	283	76.3	11.3	304	43.8
	2002	271	81.2	7.7	299	44.1
	2001	269	71.4	15.2	310	44.5
	2000	274	77.7	8.8	307	40.7
	1999	265	76.2	8.3	295	45.4
	1998	285	75.4	10.2	309	44.7
	1997	254	72.0	13.0	268	31.7

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Asian/Pacific Islander	2006	915	77.3	7.3	1,030	29.3
	2005	969	72.4	9.3	1,052	27.5
	2004	885	74.5	9.0	988	27.1
	2003	831	73.6	7.7	903	23.5
	2002	665	73.7	6.6	709	21.4
	2001	614	67.8	8.3	653	20.5
	2000	586	70.1	8.4	657	22.4
	1999	508	68.1	11.2	606	23.4
	1998	541	67.5	10.9	637	22.1
	1997	624	59.8	20.0	674	22.8
All Other/Unknown	2006	691	72.4	12.9	806	40.6
	2005	2,268	74.6	5.8	1,915	16.8
	2004	42	*	*	0	*
	2003	0	*	*	0	*
	2002	0	*	*	0	*
	2001	0	*	*	0	*
	2000	0	*	*	0	*
	1999	0	*	*	0	*
	1998	0	*	*	0	*
	1997	0	*	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Total All Race/Ethnic Groups	2006	53,684	74.3	10.8	60,963	33.5
	2005	57,333	74.8	10.3	62,630	32.6
	2004	56,142	74.1	10.7	61,767	31.3
	2003	53,408	74.3	10.4	58,592	31.7
	2002	51,532	73.8	10.5	56,964	32.3
	2001	52,785	72.6	10.8	58,587	30.8
	2000	52,989	71.9	11.2	59,332	31.0
	1999	48,354	72.3	10.9	55,040	31.3
	1998	52,821	72.5	11.1	59,429	31.3
	1997	53,601	68.6	15.1	56,551	28.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
**2006 Pregnancy Nutrition Surveillance** <sup>(1)</sup>

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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2006	31,153	49.9	26,327	29.2	10,449	30.5	0	*	0	*
	2005	32,562	50.1	28,017	29.8	10,869	29.0	0	*	0	*
	2004	33,760	50.0	29,506	30.3	11,188	28.1	0	*	0	*
	2003	32,546	50.2	27,802	30.4	10,470	28.4	0	*	0	*
	2002	31,021	51.9	26,176	31.5	10,239	28.0	0	*	0	*
	2001	31,380	53.2	25,936	32.6	10,267	28.1	0	*	0	*
	2000	30,646	53.8	26,483	33.7	10,195	26.5	0	*	0	*
	1999	27,729	55.3	24,120	33.9	9,604	26.7	0	*	0	*
	1998	29,285	55.2	26,189	35.6	10,297	24.7	0	*	0	*
1997	28,596	53.4	25,599	34.8	9,929	25.2	0	*	0	*	
Black, Not Hispanic	2006	15,732	23.8	13,452	11.9	2,302	38.6	0	*	0	*
	2005	15,120	24.5	13,428	12.4	2,176	35.6	0	*	0	*
	2004	15,048	26.2	13,133	13.6	2,247	37.7	0	*	0	*
	2003	14,148	25.4	12,220	13.6	2,046	37.0	0	*	0	*
	2002	13,714	27.5	12,018	15.1	2,066	34.1	0	*	0	*
	2001	13,250	29.6	11,367	16.0	1,968	31.9	0	*	0	*
	2000	13,026	31.4	11,212	17.1	2,034	30.1	0	*	0	*
	1999	11,343	29.7	10,051	16.0	1,722	31.5	0	*	0	*
	1998	11,696	29.4	10,078	18.3	1,804	26.1	0	*	0	*
1997	11,532	27.6	10,030	19.1	1,769	23.4	0	*	0	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2006	6,185	13.7	5,319	5.3	580	51.9	0	*	0	*
	2005	6,315	13.6	5,647	5.4	552	50.0	0	*	0	*
	2004	5,247	13.1	4,863	6.1	470	44.0	0	*	0	*
	2003	4,773	13.0	4,344	4.7	403	52.1	0	*	0	*
	2002	4,403	14.7	3,926	6.6	411	44.5	0	*	0	*
	2001	4,430	17.1	3,800	8.0	455	45.5	0	*	0	*
	2000	4,094	18.4	3,715	9.9	425	36.2	0	*	0	*
	1999	3,040	18.8	2,735	8.8	331	42.0	0	*	0	*
	1998	2,701	20.5	2,420	10.9	332	38.6	0	*	0	*
1997	2,374	20.8	2,091	11.2	296	36.1	0	*	0	*	
American Indian/Alaskan Native	2006	231	55.4	191	33.0	85	*	0	*	0	*
	2005	272	60.7	237	32.9	118	33.1	0	*	0	*
	2004	317	61.2	258	39.9	139	25.2	0	*	0	*
	2003	293	59.7	255	41.2	130	21.5	0	*	0	*
	2002	297	69.0	240	40.4	133	33.8	0	*	0	*
	2001	287	69.7	239	45.2	135	22.2	0	*	0	*
	2000	278	61.9	242	40.1	116	23.3	0	*	0	*
	1999	270	67.0	235	44.3	135	28.9	0	*	0	*
	1998	278	62.9	232	46.6	121	22.3	0	*	0	*
1997	243	63.4	217	45.6	112	18.8	0	*	0	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

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Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2006	901	7.2	750	3.2	40	*	0	*	0	*
	2005	907	8.5	831	2.4	45	*	0	*	0	*
	2004	880	10.3	744	3.8	47	*	0	*	0	*
	2003	793	11.0	694	4.8	58	*	0	*	0	*
	2002	625	10.1	534	5.4	37	*	0	*	0	*
	2001	582	10.3	483	4.3	28	*	0	*	0	*
	2000	502	12.4	443	5.0	38	*	0	*	0	*
	1999	392	14.3	345	4.6	25	*	0	*	0	*
	1998	333	15.0	340	5.0	30	*	0	*	0	*
	1997	361	13.9	349	7.2	28	*	0	*	0	*
All Other/Unknown	2006	742	46.2	624	27.2	249	30.5	0	*	0	*
	2005	2,162	35.1	2,046	20.9	275	33.1	0	*	0	*
	2004	37	*	39	*	0	*	0	*	0	*
	2003	0	*	0	*	0	*	0	*	0	*
	2002	0	*	0	*	0	*	0	*	0	*
	2001	0	*	0	*	0	*	0	*	0	*
	2000	0	*	0	*	0	*	0	*	0	*
	1999	0	*	0	*	0	*	0	*	0	*
	1998	0	*	0	*	0	*	0	*	0	*
	1997	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

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Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2006	54,944	37.6	46,663	21.1	13,705	32.8	0	*	0	*
	2005	57,338	38.1	50,206	21.6	14,035	31.1	0	*	0	*
	2004	55,289	39.5	48,543	23.0	14,091	30.2	0	*	0	*
	2003	52,553	39.6	45,315	23.1	13,107	30.5	0	*	0	*
	2002	50,060	41.5	42,894	24.4	12,886	29.5	0	*	0	*
	2001	49,929	43.3	41,825	25.6	12,853	29.3	0	*	0	*
	2000	48,546	44.4	42,095	26.9	12,808	27.4	0	*	0	*
	1999	42,774	45.6	37,486	27.1	11,817	27.9	0	*	0	*
	1998	44,293	46.0	39,259	29.4	12,584	25.2	0	*	0	*
	1997	43,106	44.4	38,286	29.2	12,134	25.2	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

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**Michigan**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2006	26,999	6.4	9.1	28,066	0.1	26,880	6.4	26,764	56.4
	2005	28,526	6.4	9.3	30,092	0.1	28,437	6.4	28,697	56.2
	2004	30,091	6.4	9.7	31,747	0.1	29,985	6.4	30,133	54.8
	2003	28,803	6.1	10.1	30,250	0.1	28,692	6.1	28,624	54.0
	2002	27,380	6.0	10.0	28,822	0.2	27,265	6.0	26,944	54.0
	2001	27,339	6.0	10.8	28,783	0.1	27,229	6.0	26,653	54.7
	2000	28,837	5.7	10.8	30,142	0.2	28,753	5.7	27,837	51.9
	1999	27,318	5.6	10.9	28,701	0.1	27,217	5.6	25,760	51.4
	1998	29,951	6.1	11.0	31,651	0.2	29,848	6.1	28,169	50.5
	1997	28,954	6.6	11.0	30,528	0.1	28,865	6.6	27,295	50.7
Black, Not Hispanic	2006	14,247	11.3	4.5	14,859	0.1	14,201	11.3	13,806	39.0
	2005	14,123	11.2	5.0	14,960	0.1	14,061	11.2	13,952	37.6
	2004	14,627	11.5	5.2	15,423	0.2	14,562	11.5	14,357	35.9
	2003	13,693	10.5	5.6	14,494	0.2	13,632	10.5	13,521	35.2
	2002	13,568	10.6	5.4	14,275	0.2	13,521	10.6	13,218	34.7
	2001	13,929	10.8	5.4	14,616	0.2	13,869	10.7	13,490	33.6
	2000	14,351	10.3	5.4	15,077	0.2	14,310	10.3	13,692	32.4
	1999	13,238	10.1	5.5	13,812	0.2	13,195	10.1	11,926	35.5
	1998	14,071	10.3	5.6	14,924	0.1	14,031	10.3	12,522	34.8
	1997	14,216	11.2	5.5	14,941	0.1	14,164	11.2	12,574	32.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



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Michigan

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Hispanic	2006	5,482	5.4	8.8	5,893	0.1	5,464	5.4	5,637	66.8
	2005	5,734	5.5	9.2	6,258	0.1	5,708	5.5	5,948	66.5
	2004	5,034	4.8	9.0	5,482	0.1	5,019	4.8	5,232	63.8
	2003	4,811	5.0	9.6	5,205	0.2	4,786	5.0	4,983	64.8
	2002	4,599	4.8	9.1	4,953	0.2	4,585	4.8	4,749	62.3
	2001	4,745	5.1	9.3	5,022	0.1	4,727	5.1	4,827	64.7
	2000	4,565	5.6	9.2	4,890	0.2	4,555	5.6	4,584	60.0
	1999	3,573	5.1	9.3	3,851	0.4	3,553	5.1	3,285	60.5
	1998	3,224	5.7	9.7	3,494	0.2	3,215	5.7	2,883	57.1
	1997	2,752	6.0	10.2	3,012	0.2	2,741	6.0	2,645	52.1
American Indian/Alaskan Native	2006	196	4.6	8.7	203	0.0	196	4.6	192	53.1
	2005	240	7.9	14.6	249	0.0	238	8.0	238	59.7
	2004	269	7.8	14.1	280	0.0	269	7.8	273	49.5
	2003	262	3.8	12.6	269	0.0	261	3.8	256	50.4
	2002	236	4.2	16.1	250	0.0	236	4.2	238	55.0
	2001	238	4.6	13.0	250	0.8	236	4.7	238	47.9
	2000	252	7.1	15.1	263	0.4	251	7.2	244	51.6
	1999	237	7.2	14.8	248	0.0	237	7.2	223	51.6
	1998	256	7.8	10.5	262	0.0	253	7.9	243	41.2
	1997	217	5.5	17.1	234	0.0	217	5.5	218	37.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

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**Michigan**

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2006	786	7.9	4.5	844	0.1	784	7.9	797	64.5
	2005	854	6.8	4.3	925	0.3	845	6.9	892	61.7
	2004	749	7.9	7.2	832	0.1	747	7.9	795	60.0
	2003	711	7.7	4.8	768	0.4	706	7.8	731	58.4
	2002	573	6.3	6.1	616	0.2	570	6.3	590	56.3
	2001	509	8.1	5.9	559	0.4	506	7.9	518	55.8
	2000	533	5.1	5.4	572	0.2	530	5.1	528	49.4
	1999	474	7.6	5.1	513	0.2	472	7.4	438	52.1
	1998	498	6.4	7.8	558	0.4	495	6.3	484	57.0
	1997	544	8.1	7.2	583	0.5	539	7.8	500	58.2
All Other/Unknown	2006	630	8.4	10.3	656	0.5	627	8.5	622	59.0
	2005	2,139	10.5	7.6	2,304	0.1	2,125	10.5	2,187	58.2
	2004	35	*	*	50	*	35	*	47	*
	2003	0	*	*	0	*	0	*	0	*
	2002	0	*	*	0	*	0	*	0	*
	2001	0	*	*	0	*	0	*	0	*
	2000	0	*	*	0	*	0	*	0	*
	1999	0	*	*	0	*	0	*	0	*
	1998	0	*	*	0	*	0	*	0	*
	1997	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

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**Table 23C**  
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Michigan

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2006	48,340	7.8	7.6	50,521	0.1	48,152	7.8	47,818	52.8
	2005	51,616	7.8	8.0	54,788	0.1	51,414	7.8	51,914	52.6
	2004	50,805	7.7	8.3	53,814	0.1	50,617	7.7	50,837	50.5
	2003	48,280	7.3	8.7	50,986	0.2	48,077	7.3	48,115	49.8
	2002	46,356	7.2	8.6	48,916	0.2	46,177	7.2	45,739	49.3
	2001	46,760	7.3	9.0	49,230	0.1	46,567	7.3	45,726	49.5
	2000	48,538	7.1	9.0	50,944	0.2	48,399	7.1	46,885	46.9
	1999	44,840	6.9	9.1	47,125	0.2	44,674	6.9	41,632	47.6
	1998	48,000	7.3	9.3	50,889	0.2	47,842	7.3	44,301	46.5
	1997	46,683	8.0	9.3	49,298	0.1	46,526	8.0	43,232	45.4

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